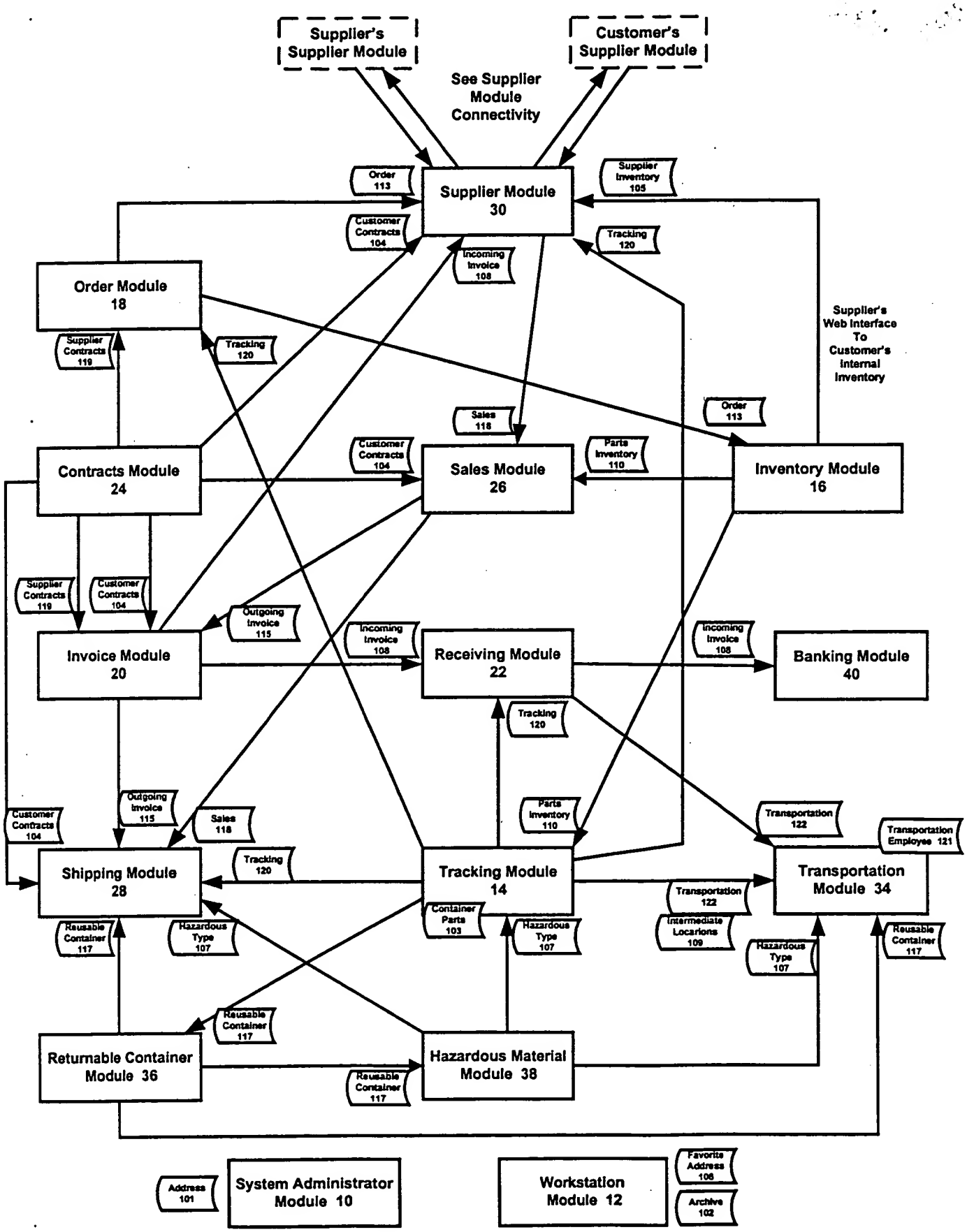
#3

TESS Module Connectivity
Figure 1



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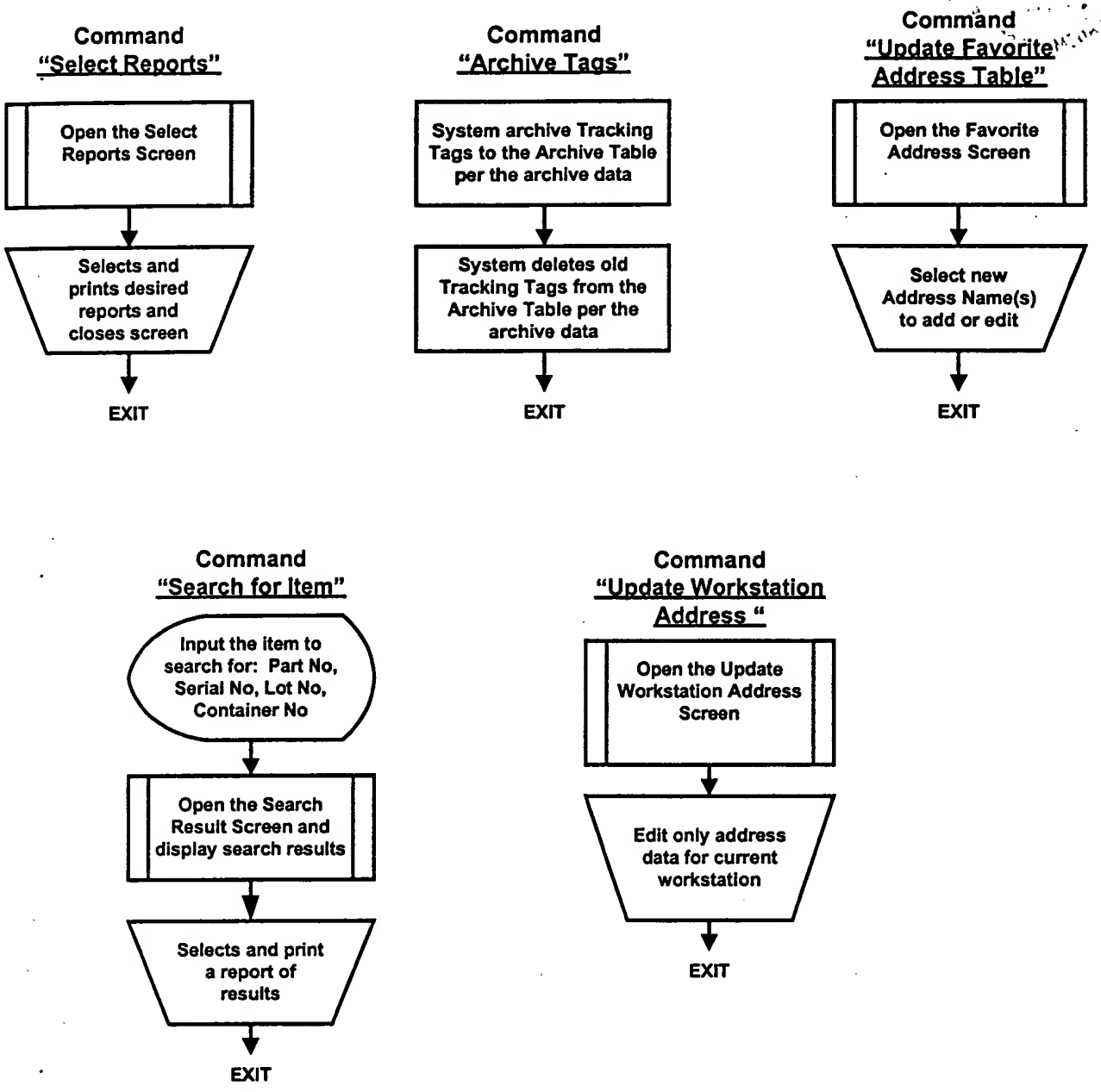
Workstation Module

Figure 2A



1Q2020 2020-05-26

Figure 2B

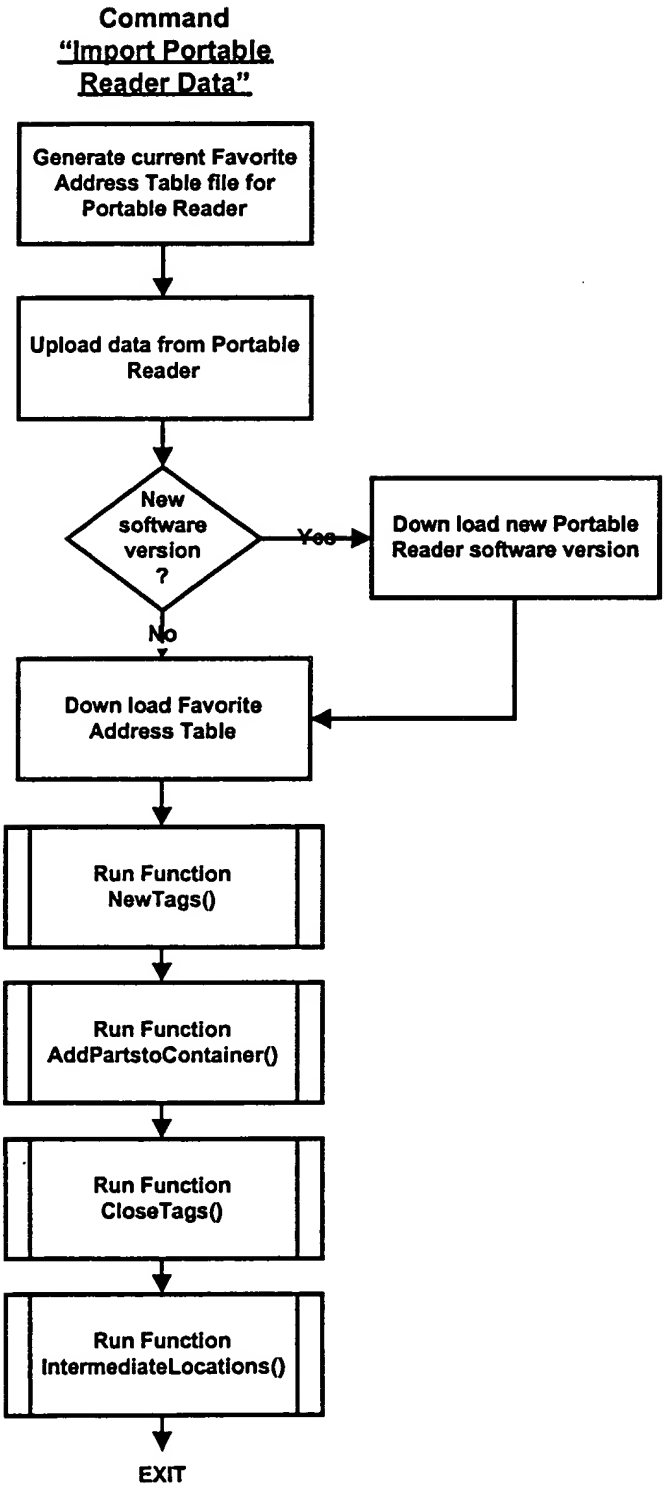


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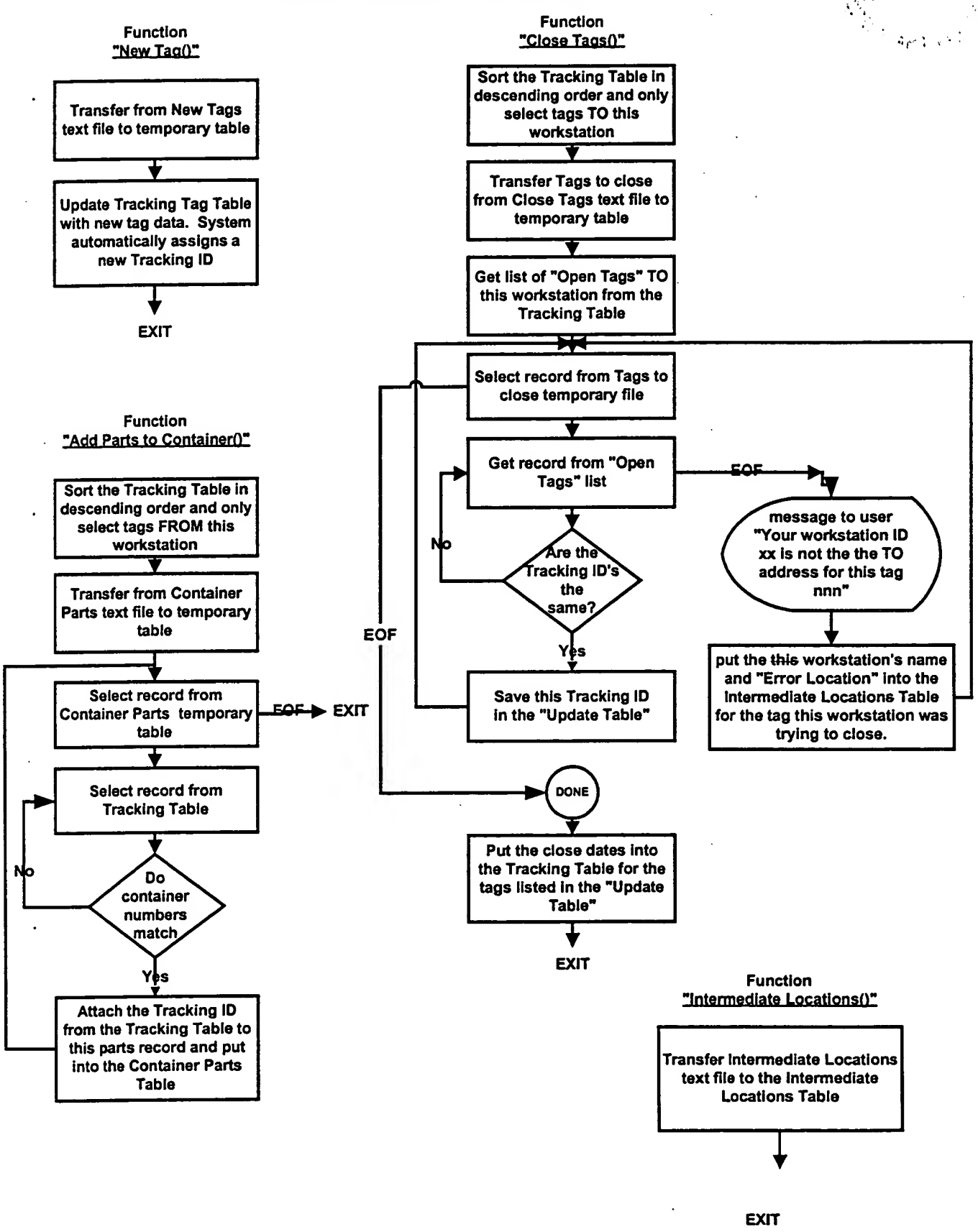
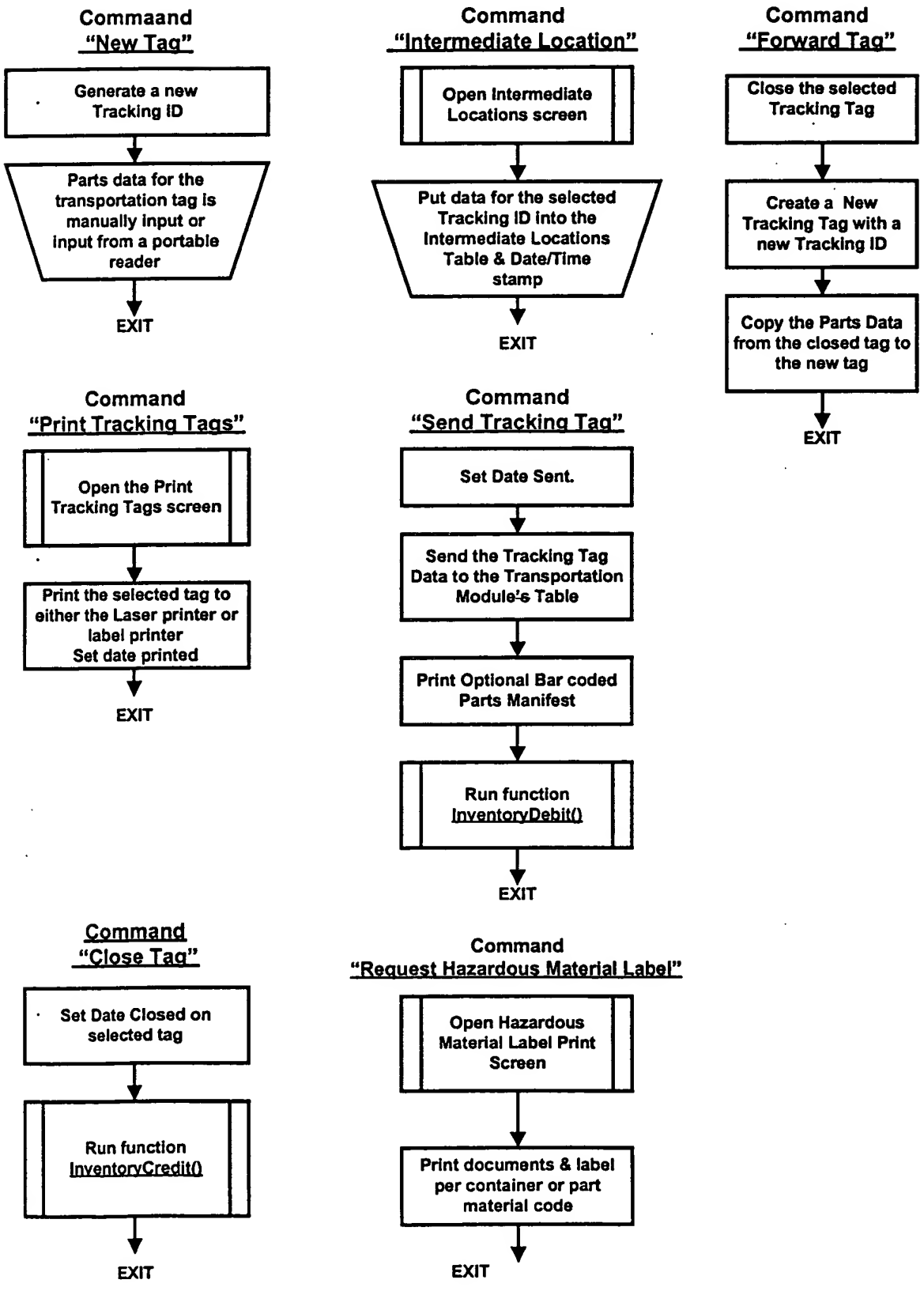
Figure 2C

Portable Reader Functions



Tracking Module

Figure 3



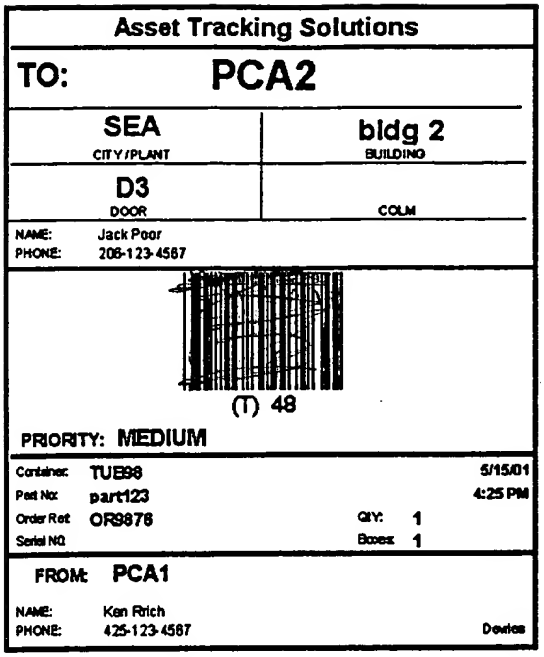


FIG. 4

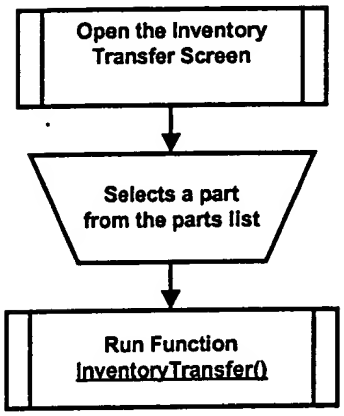
US 2002/0186150 A1

Inventory Module

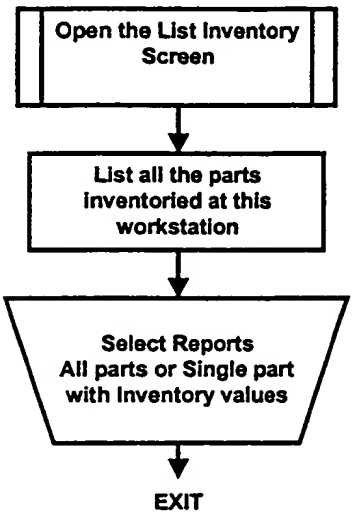
Figure 5A

Commands for Inventoried Items

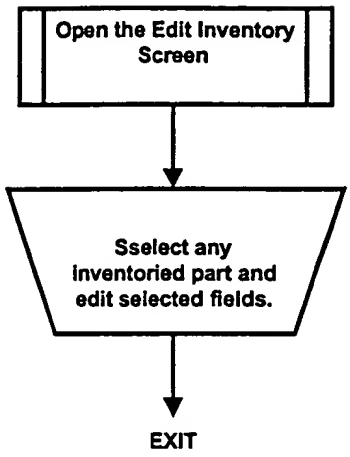
Command
"Inventory Transfer"



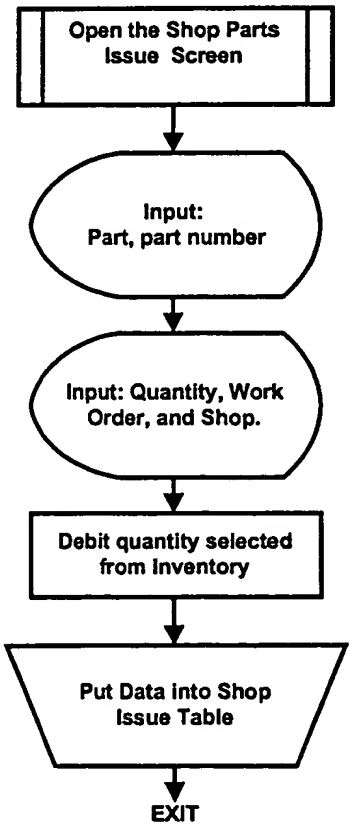
Command
"List Inventory"



Command
"Edit Inventory"



Command
"Shop Parts Issue"



Command
"Search for Part, Serial, Lot"

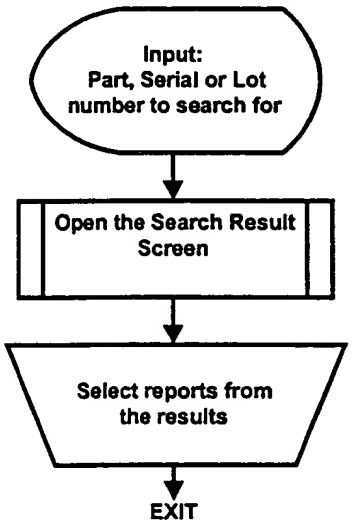


EXHIBIT 1003

Figure 5B

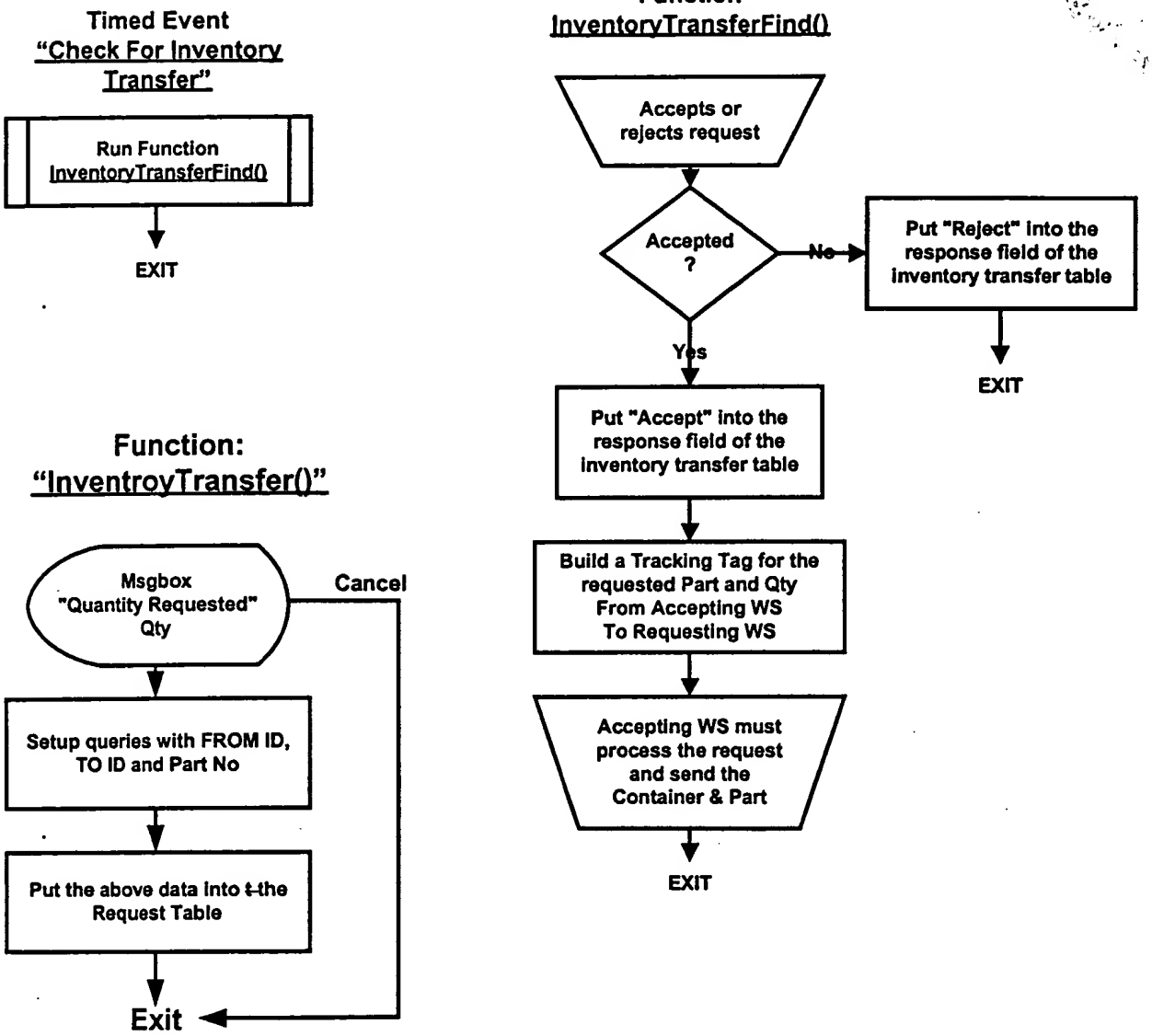


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Figure 5C

Commands for Non-Inventoried items

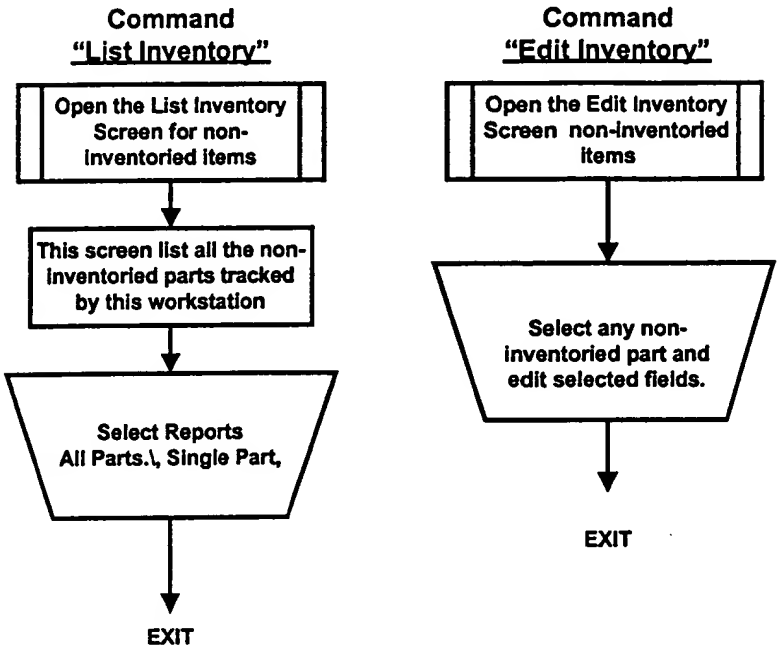

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Figure 5D

Function: "InventoryCredit()"

Inventory Credit

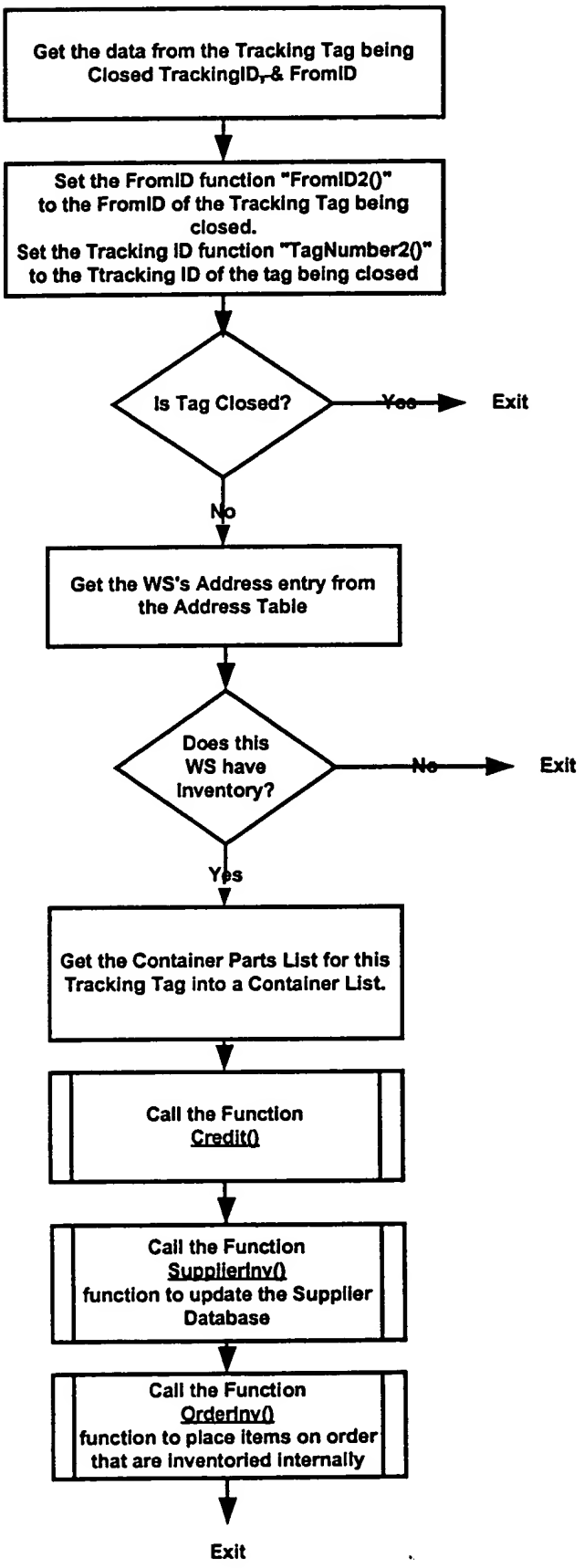


EXHIBIT 1066

Figure 5E

Function:
"Credit()"

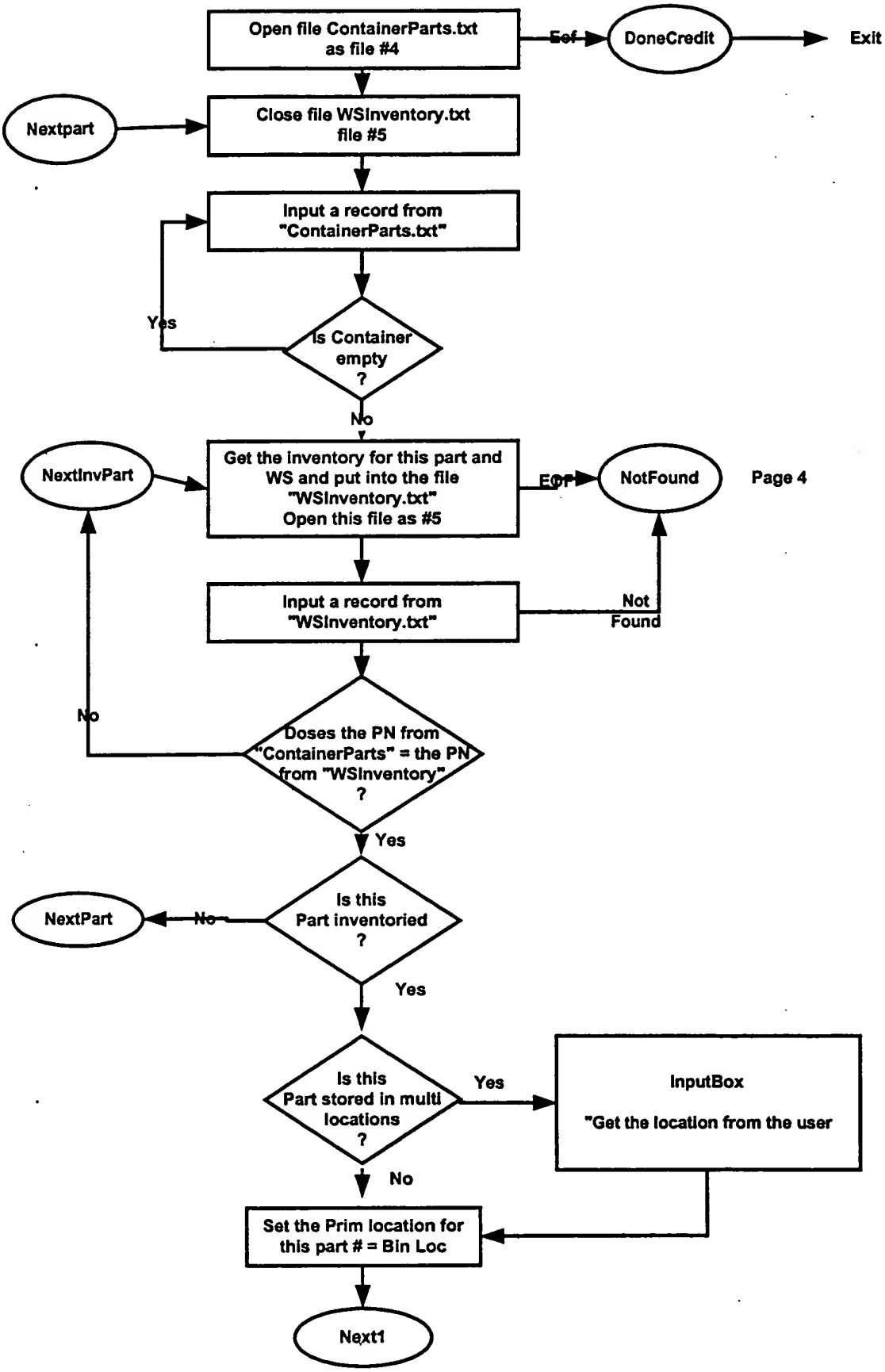
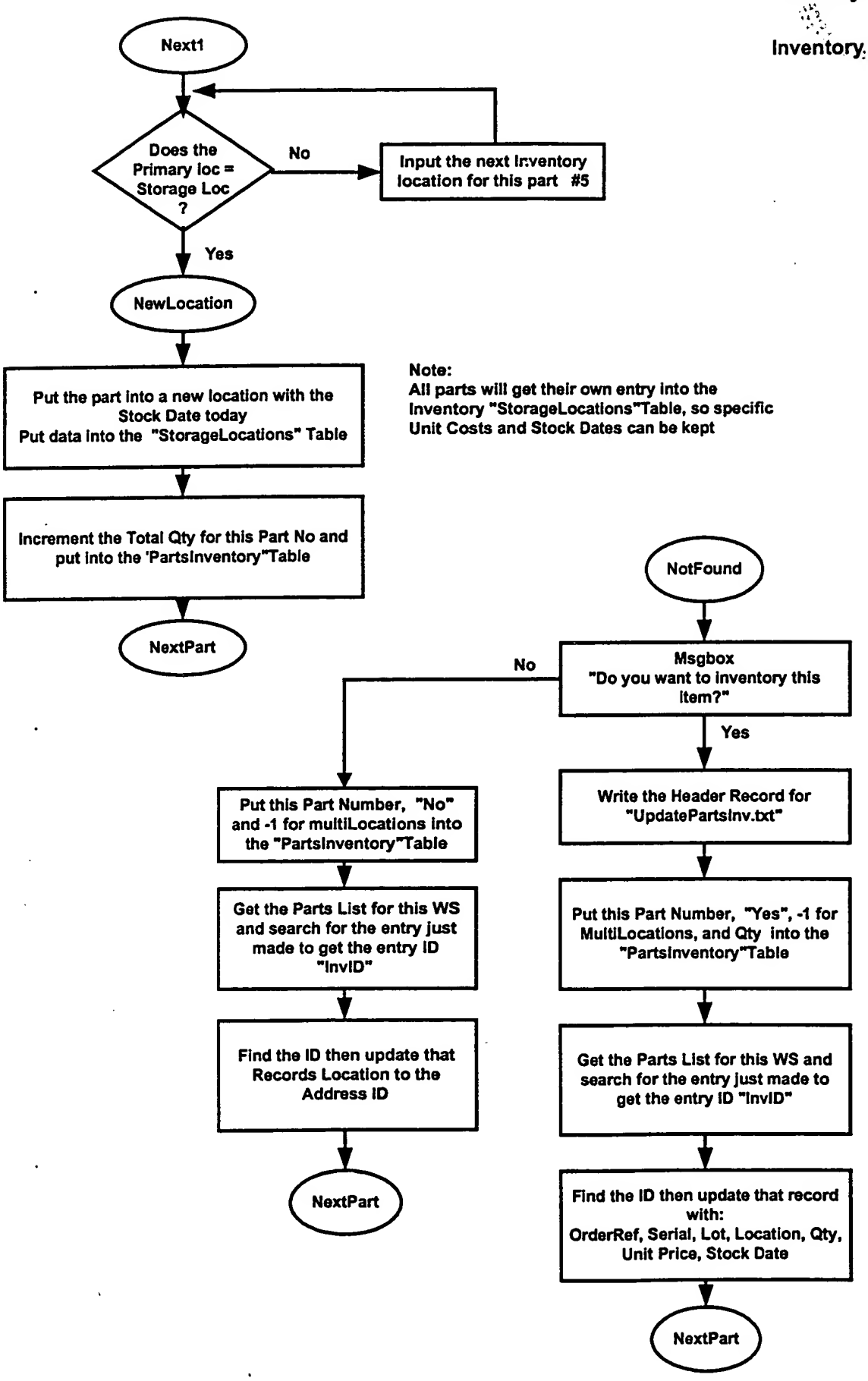


Figure 5F



D2N2B6T8B9D

Figure 5G

Function:
"InventoryDebit ()"

Inventory Debit

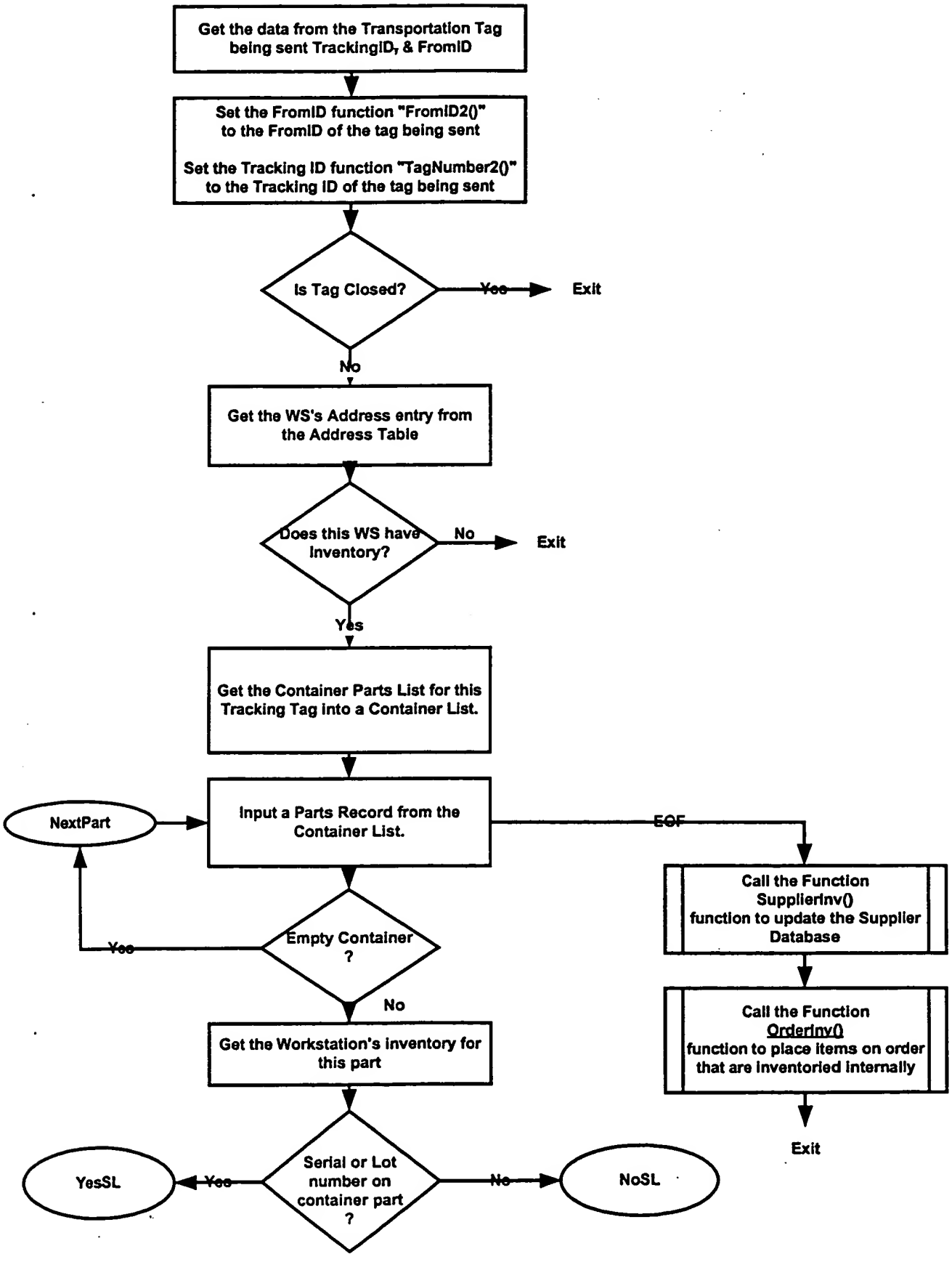


Figure 5H

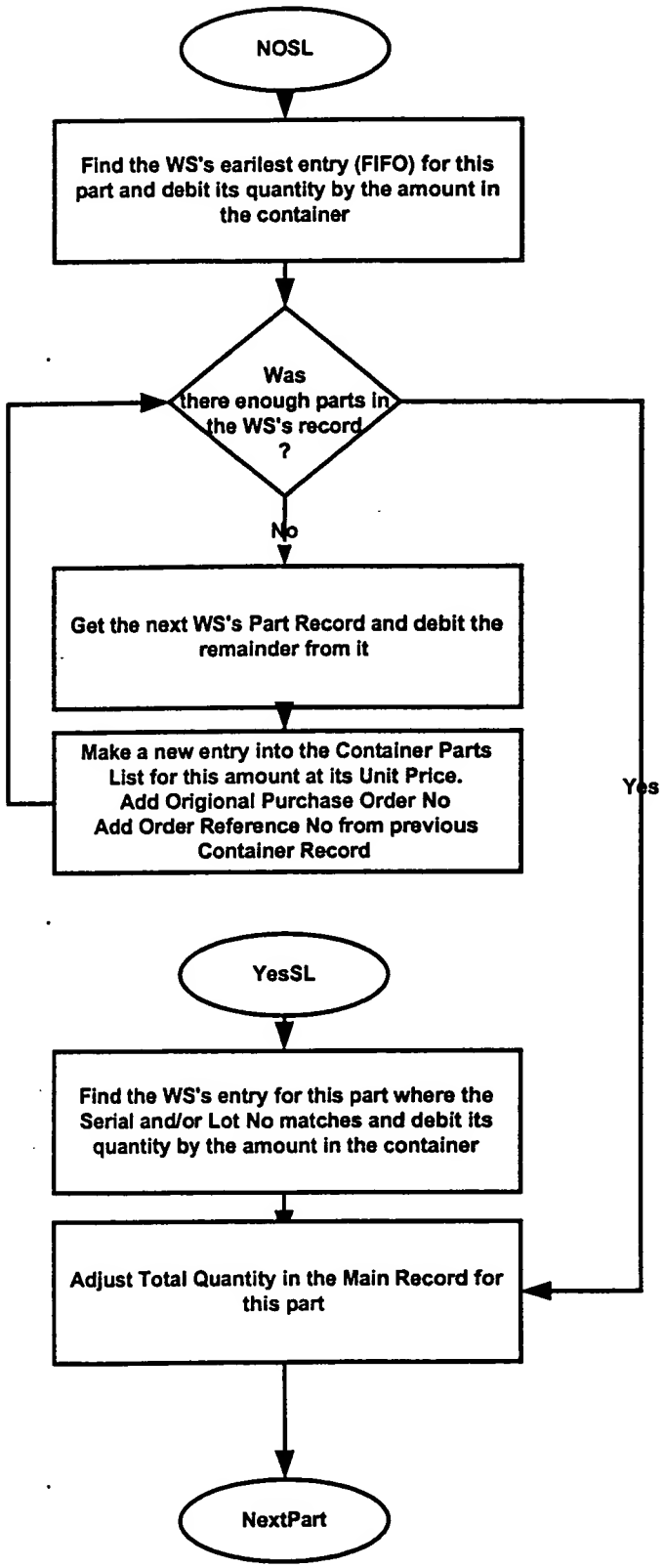


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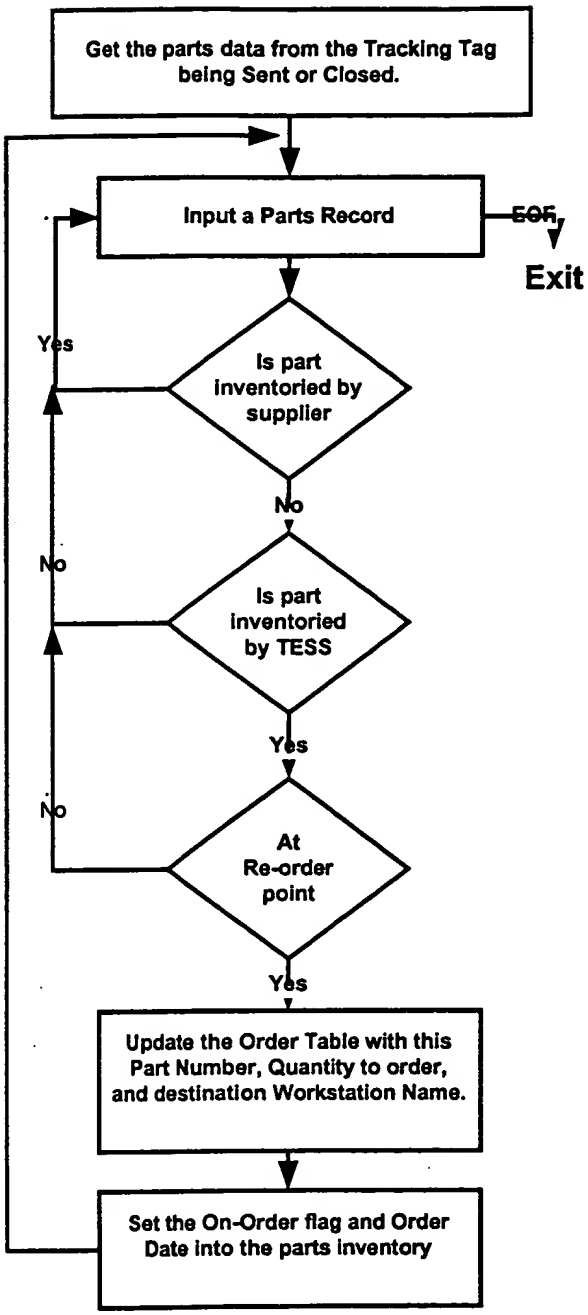
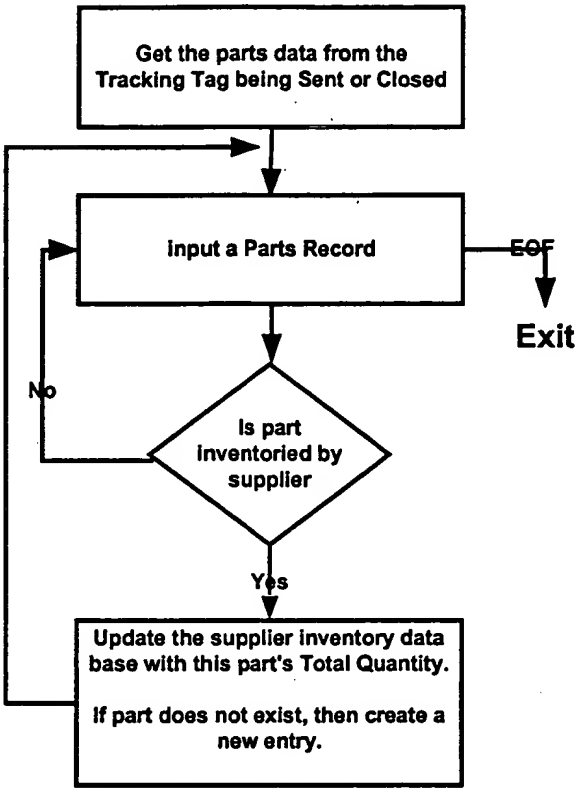
Figure 5l

Function:
"OrderInventory ()"



Function:
"SupplierInv()"



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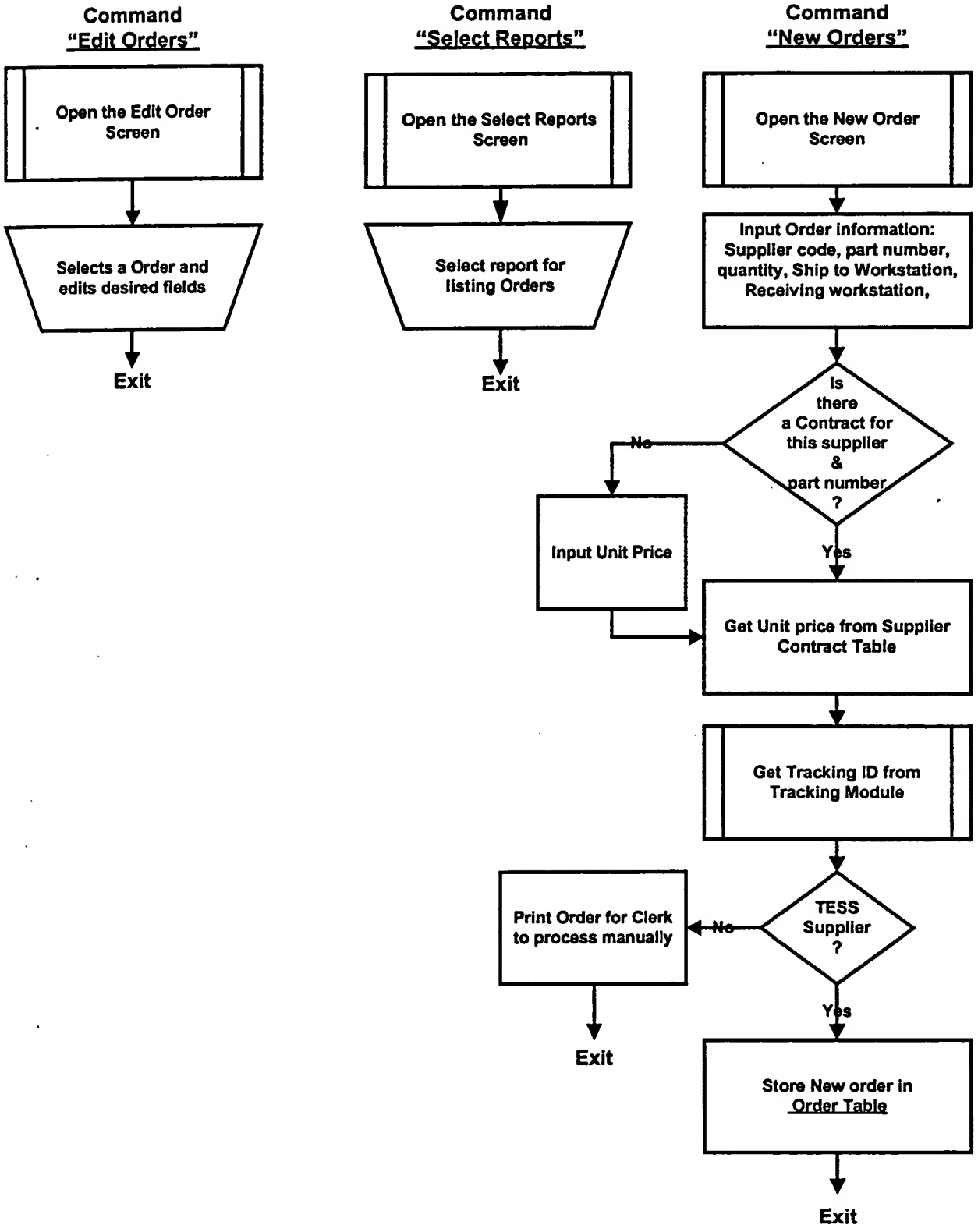
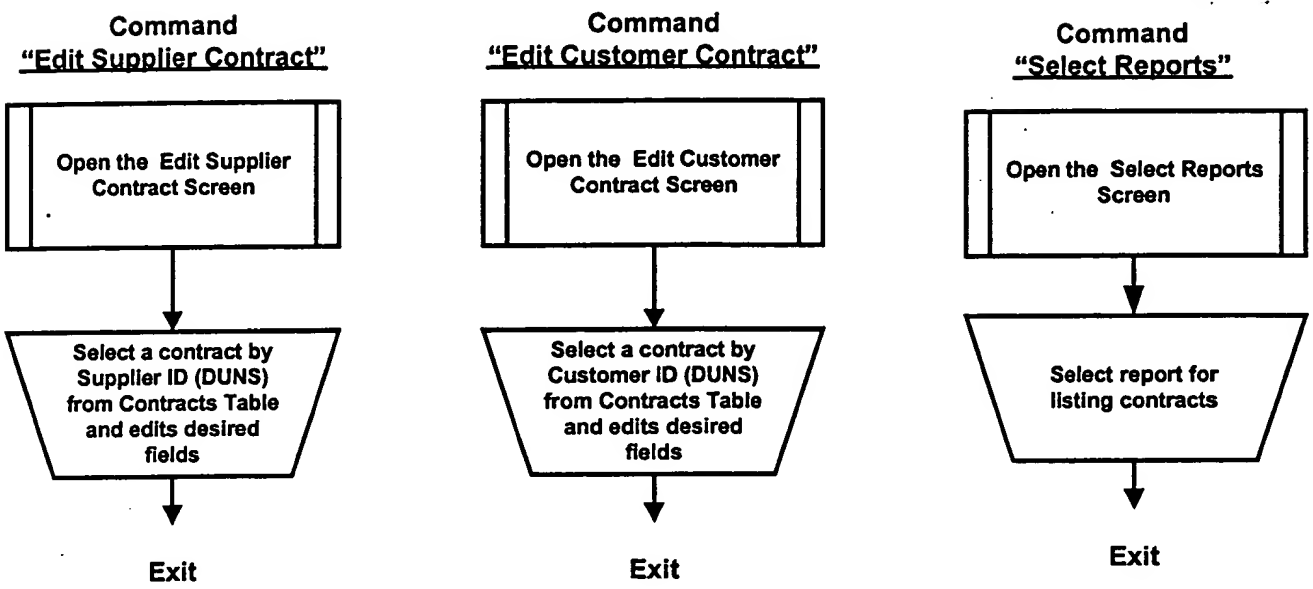
Order Module

Figure 6



Contracts Module

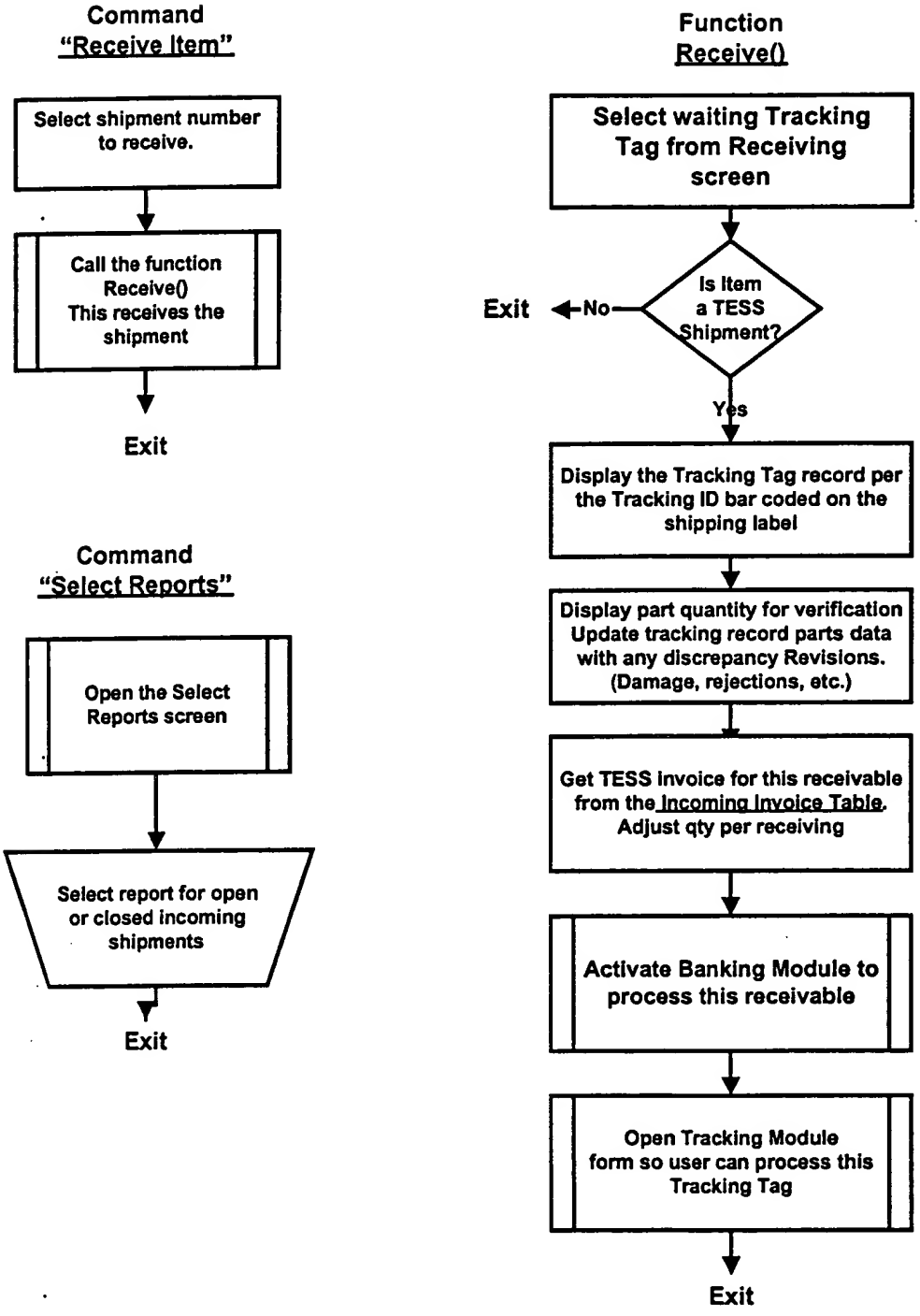
Figure 7



EC2C20 "26142650

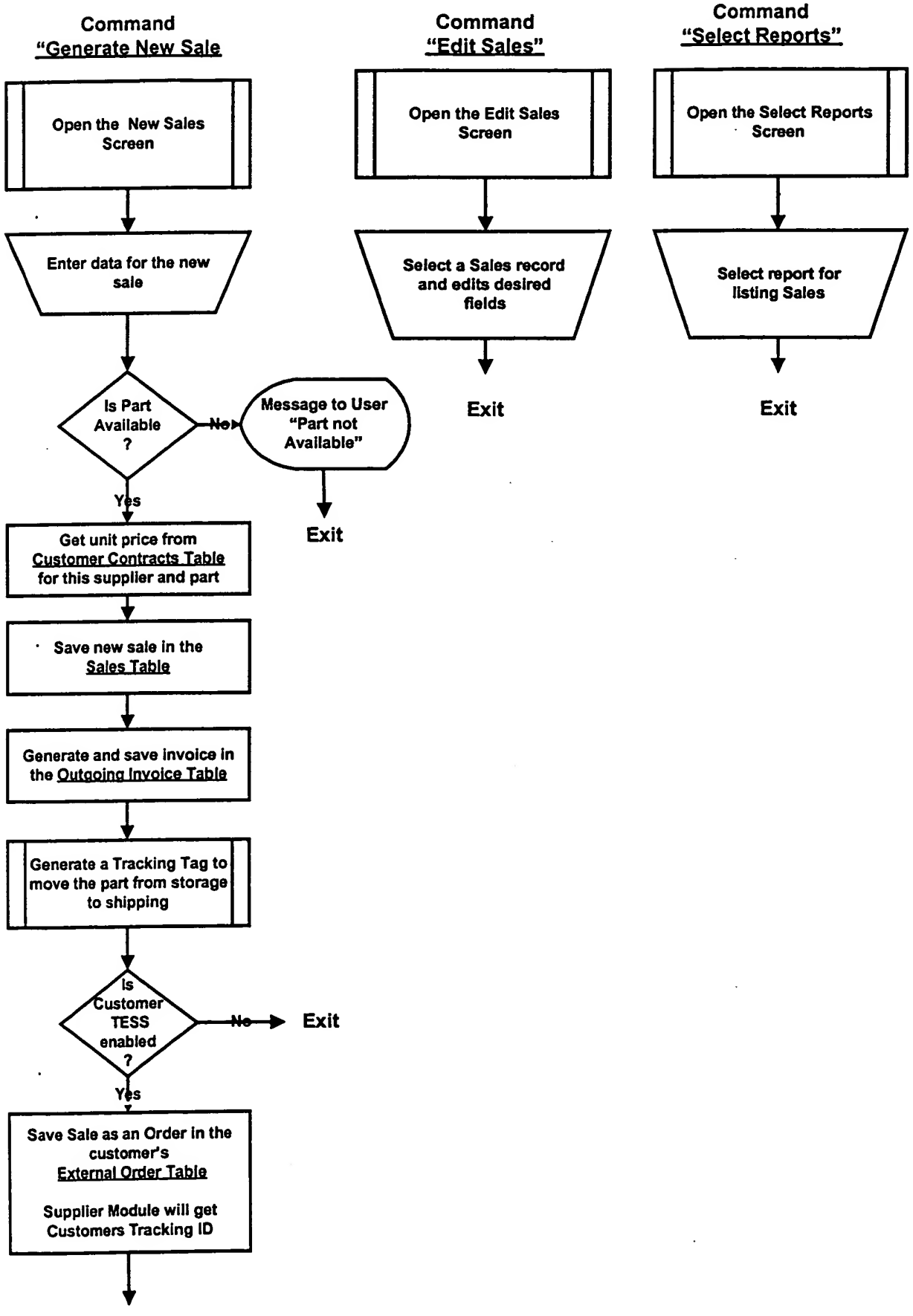
Receiving Module

Figure 8



Sales Module

Figure 9



Shipping Module

Figure 10

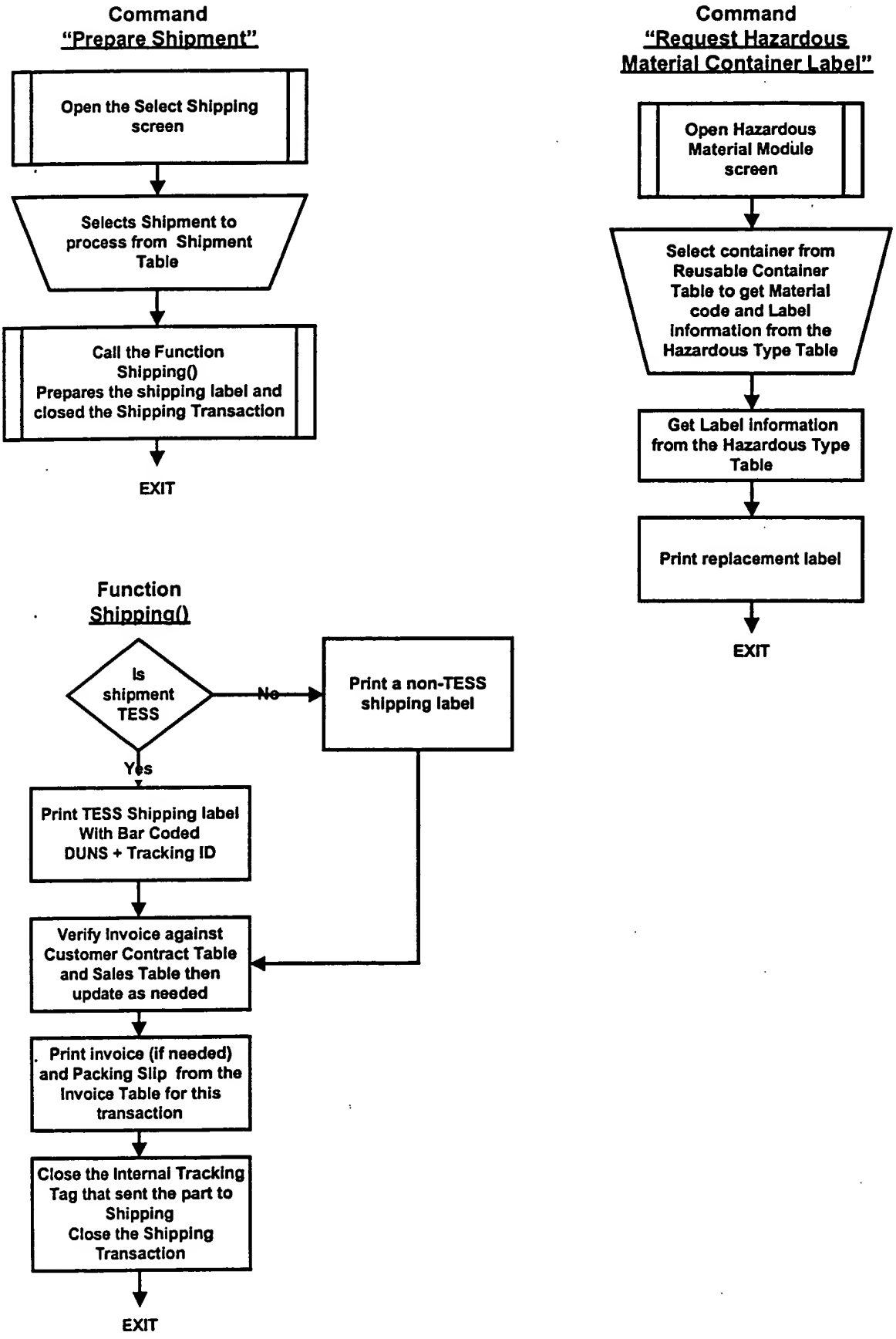


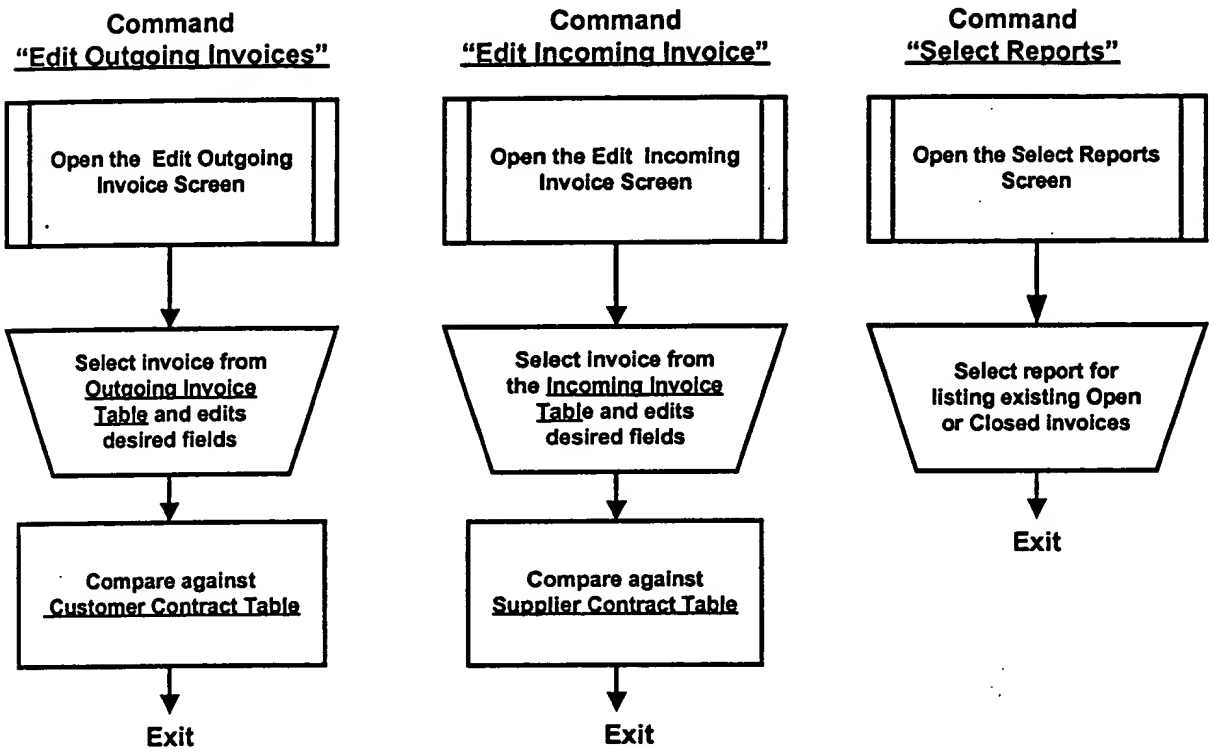
EXHIBIT 1002

FROM: ABCDE SUPPLY COMPANY
123 N MAIN STREET
SOMEWHERE, XX 00000
TO: ABC MANUFACTURING CO
1234 MAIN STREET
BLDG 20-004 DOOR 100 COL A10
SEATTLE, WA 98124-2207
USA
ATTENTION JOHN DOE
(J) LICENSE PLATE #
UN123456789012ABCD12340
PART #: 12345678901234567890123 4
COMPANY DUNS: 123456789 TRACKING ID: 9876543
TO ADDRESS ID: PARTS STORE 24
ORDER #: 123456789 QUANTITY SHIPPED: 1000
DATE SHIPPED : 05/12/2001 BOXES: N OF X
PKG WEIGHT: 28 LBS

FIG. 11

Invoice Module

Figure 12



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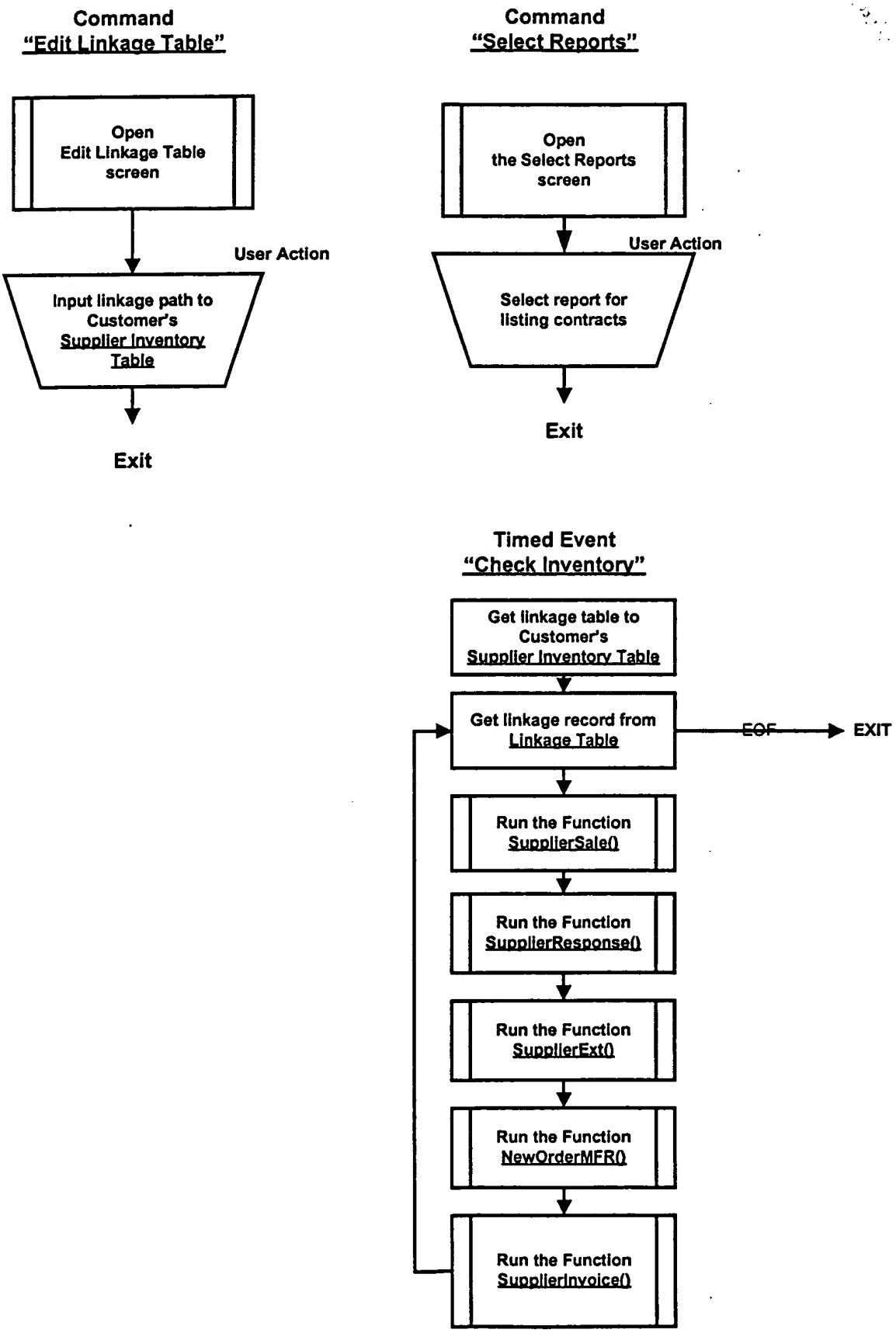
Supplier Module

Figure 13A



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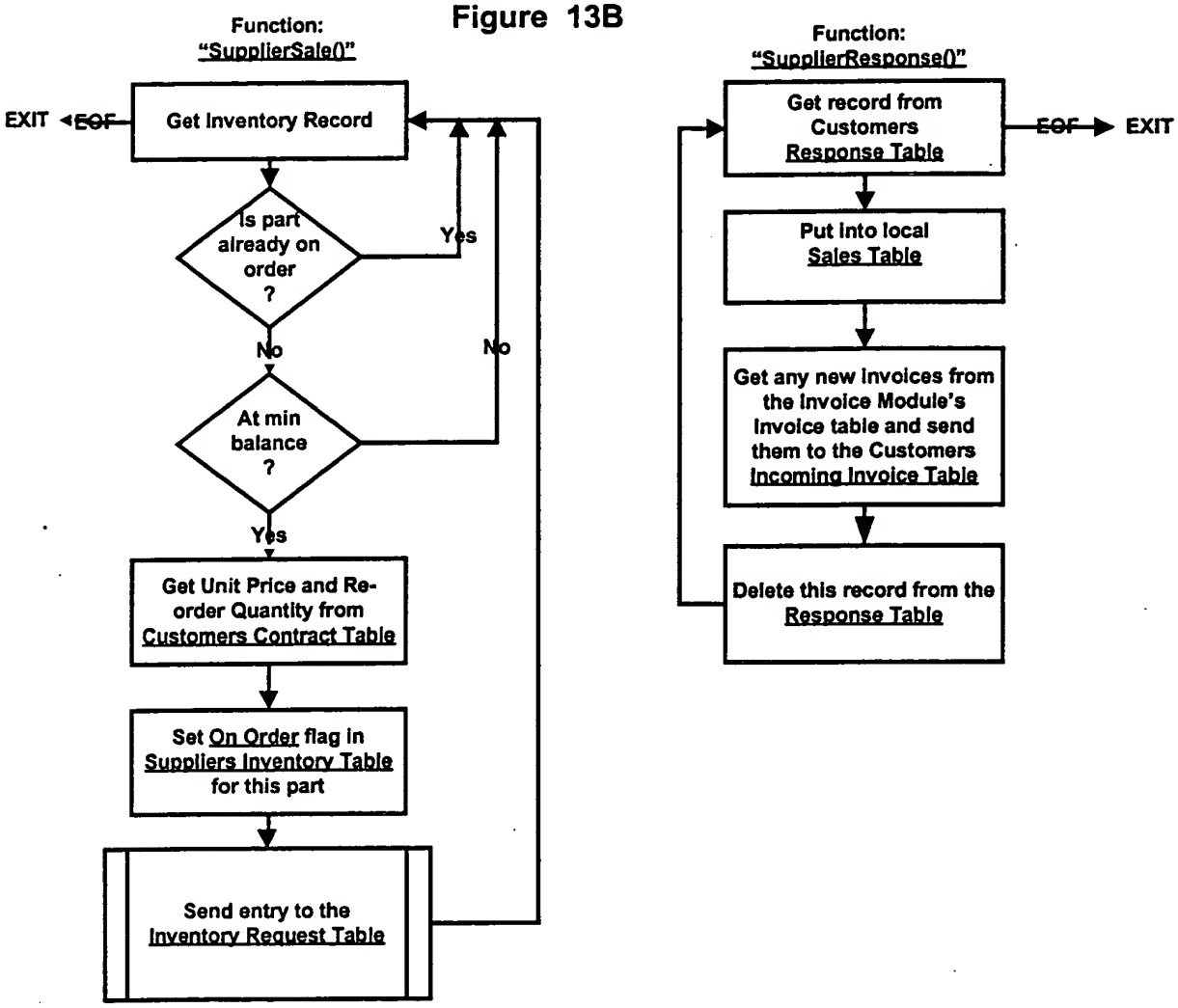
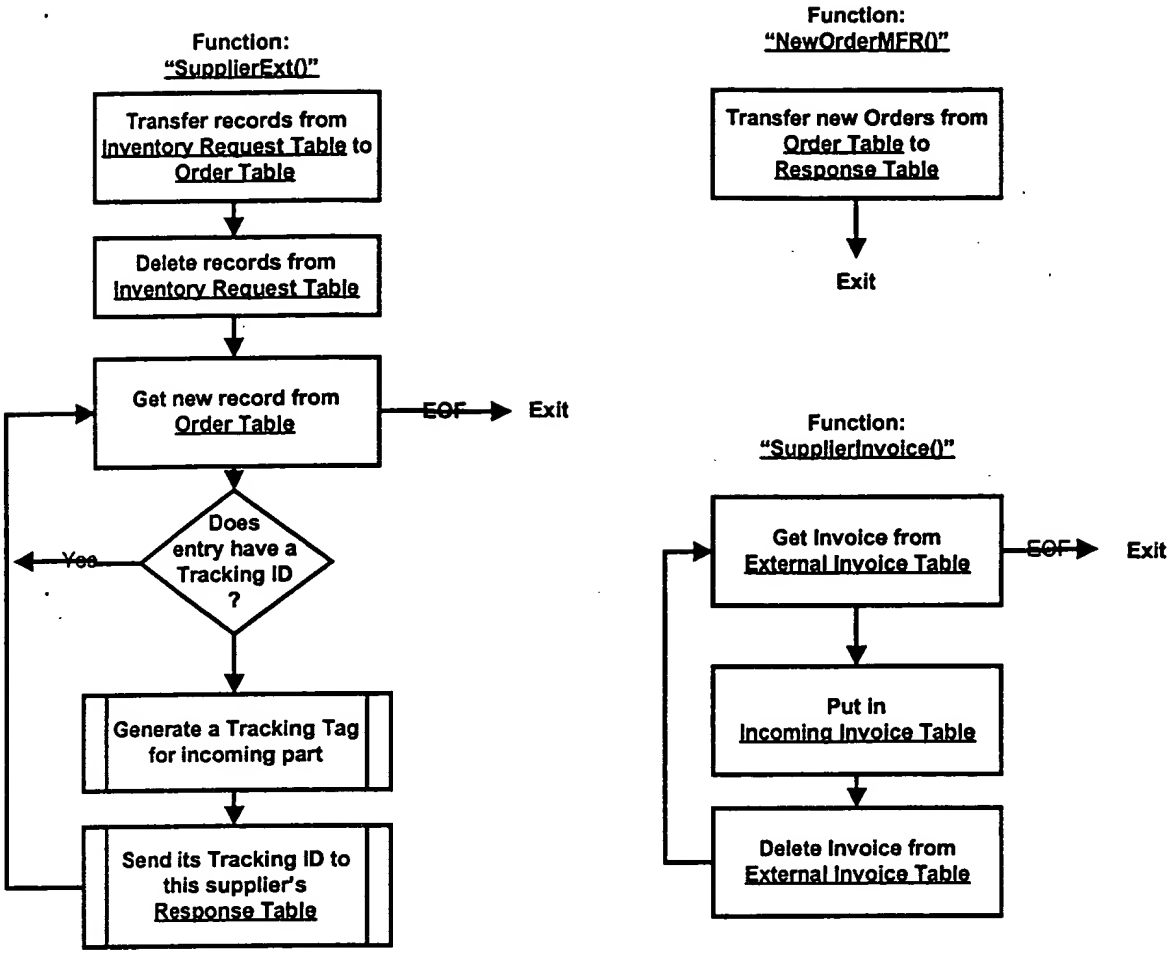
Supplier Module Functions
Figure 13B



10220260

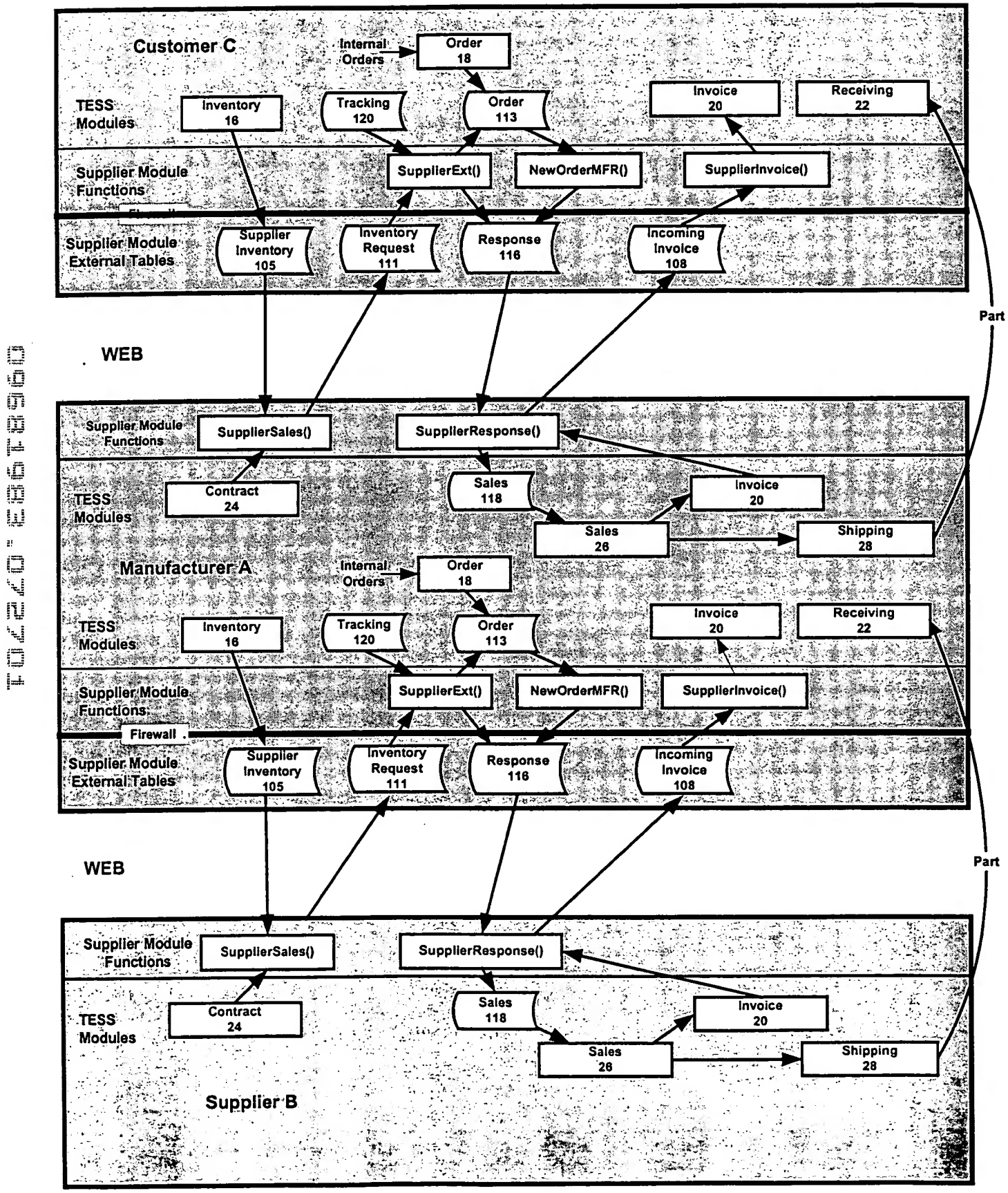
Figure 13C



1023-1026-1030

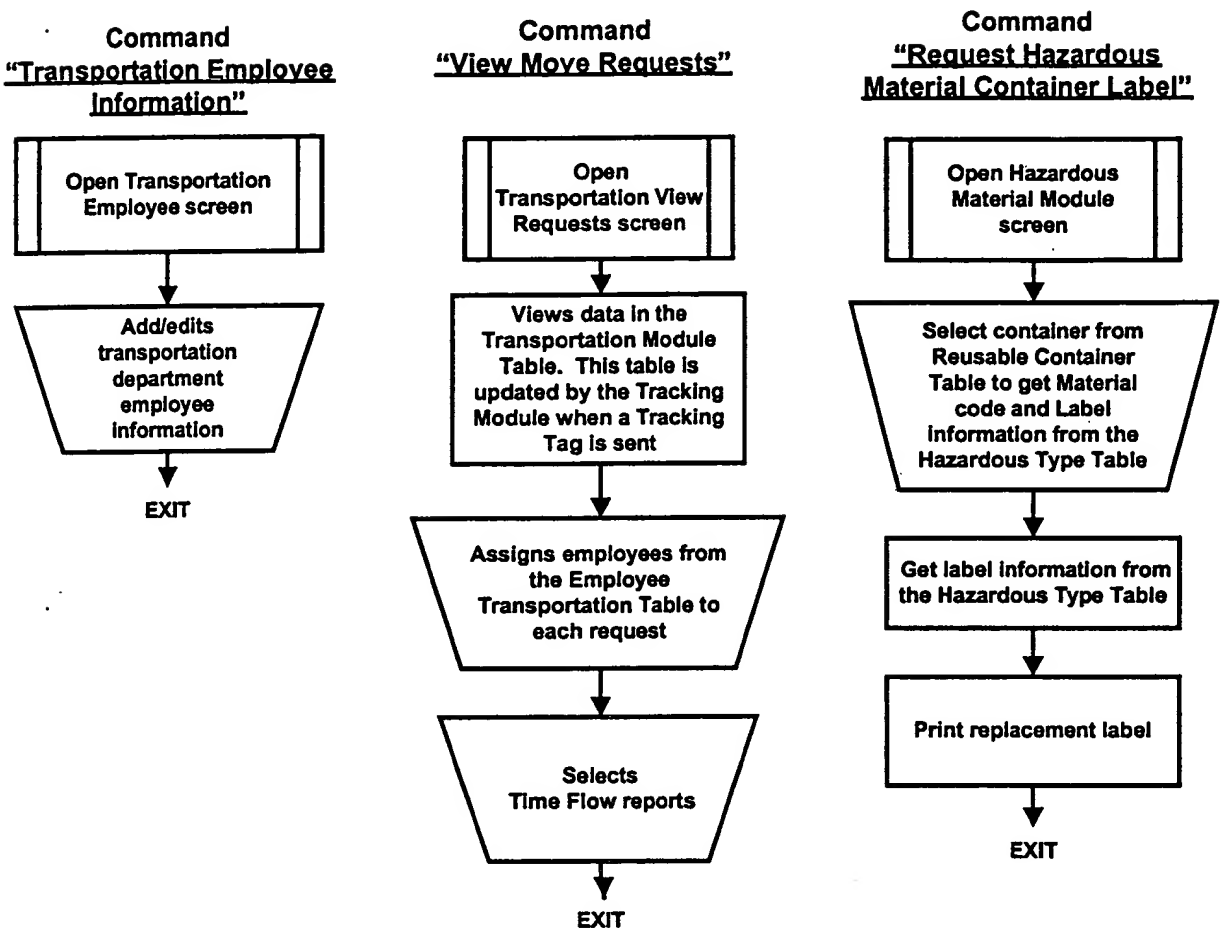
Supplier Module Connectivity

Figure 14



Transportation Module

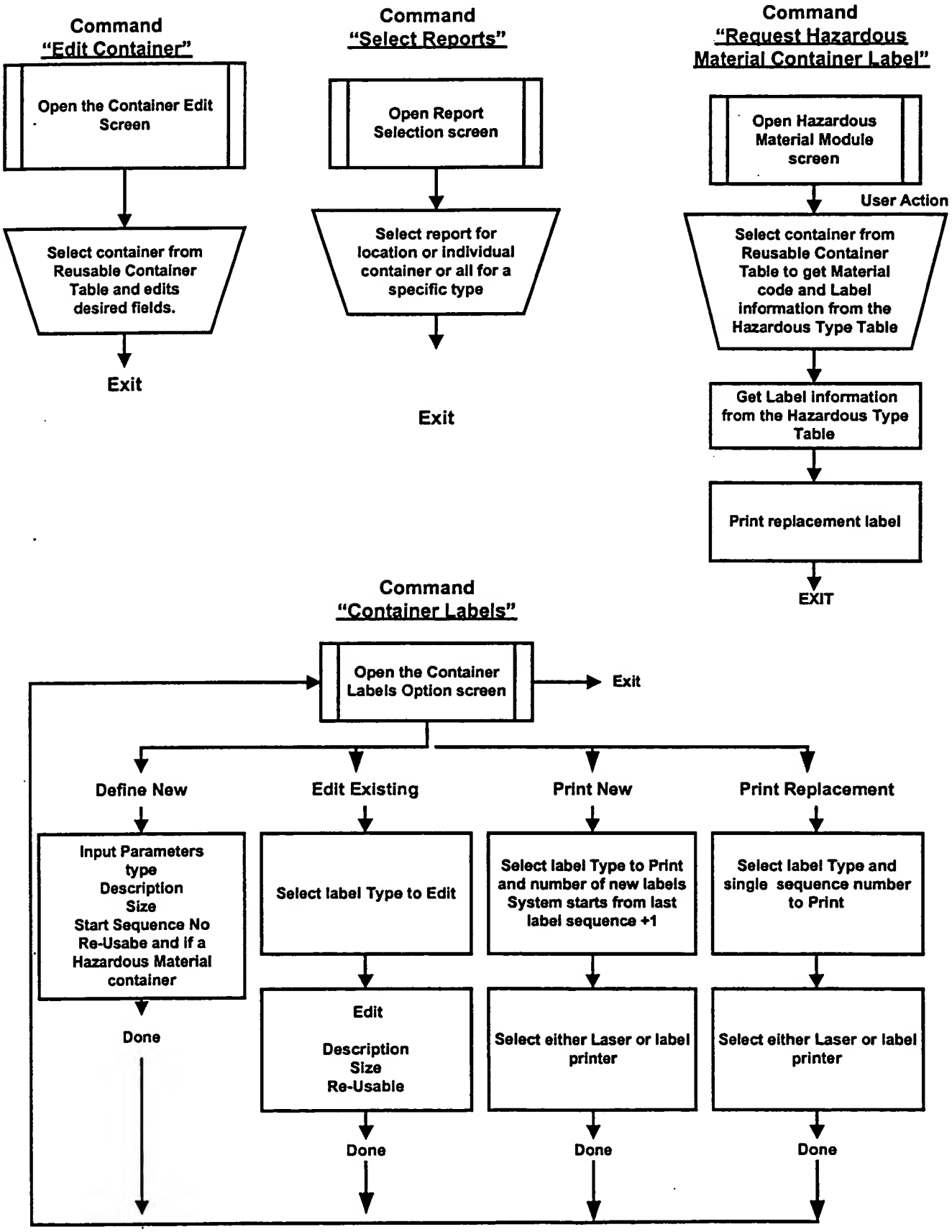
Figure 15



1-0-2-2-0-3-1-0-5-0

Reusable Container Module

Figure 16



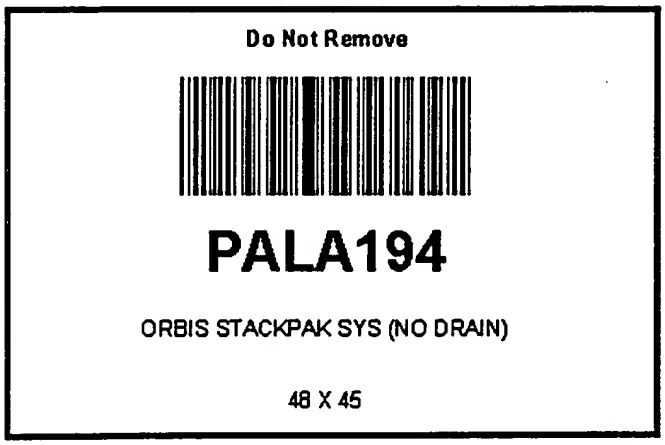


FIG. 17

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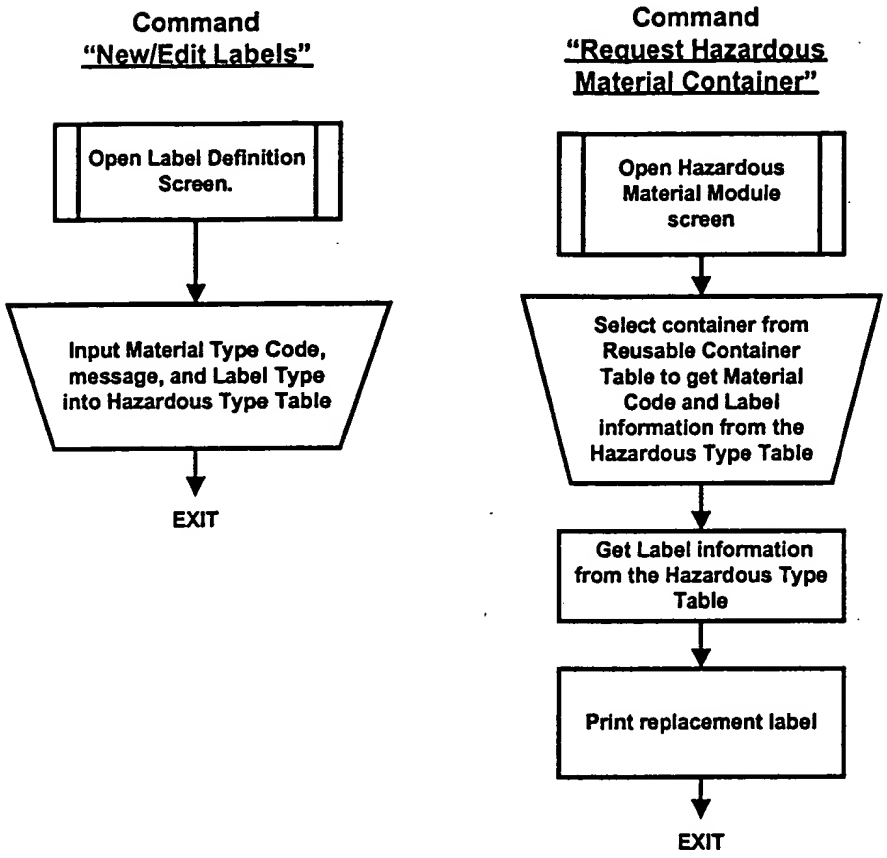
Hazardous Material Module

Figure 18



T0220: 2626360

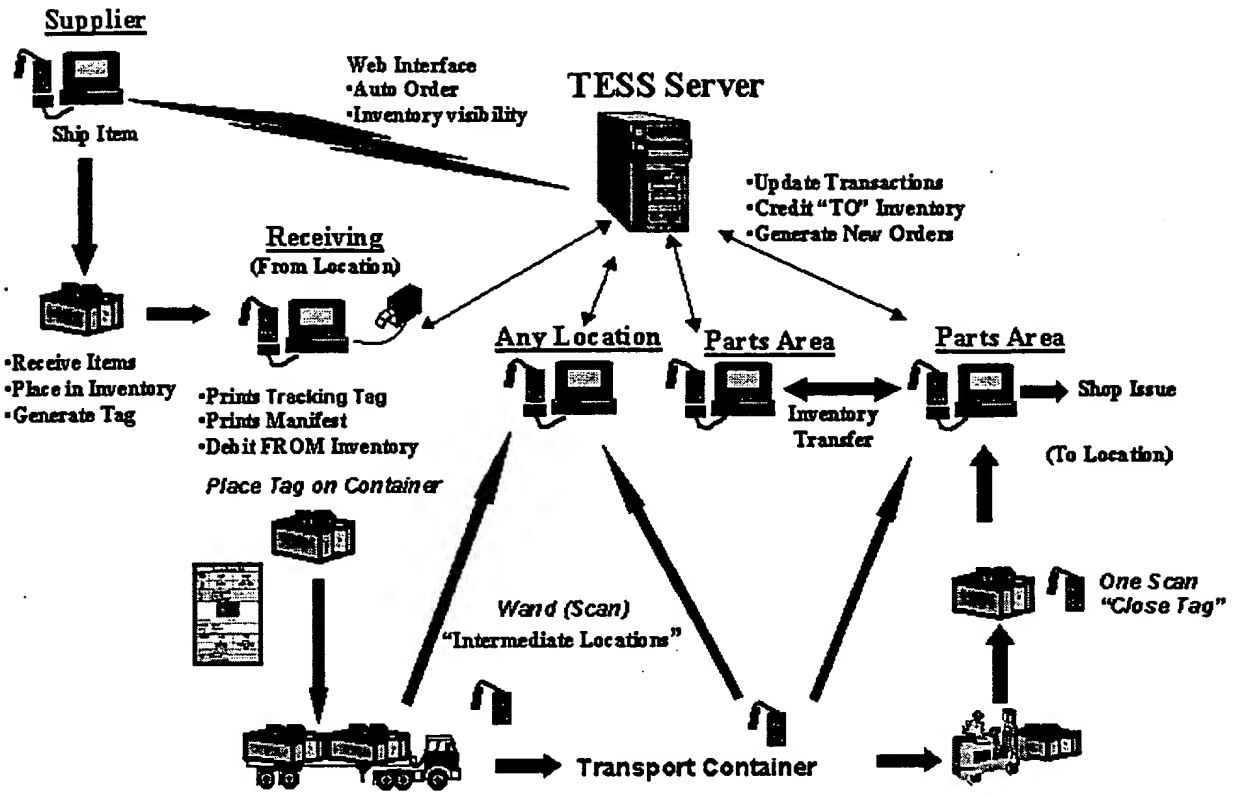

Supplier
Ship Item
Web Interface
•Auto Order
•Inventory visibility
TESS Server
•Update Transactions
•Credit "TO" Inventory
•Generate New Orders
Receiving
(From Location)
•Receive Items
•Place in Inventory
•Generate Tag
•Prints Tracking Tag
•Prints Manifest
•Debit FROM Inventory
Place Tag on Container
Any Location
Parts Area
Inventory
Transfer
Parts Area
Shop Issue
(To Location)
One Scan
"Close Tag"
Wand (Scan)
"Intermediate Locations"
Transport Container

FIG. 19

Figure 20
Workstation Access

Modules / Type	System Administrator	Workstation	Tracking	Inventory	Shipping	Receiving	Invoice	Contracts	Order	Sales	Banking	Supplier	Transportation	Hazardous Material	Returnable Container
System Administrator	X														
Normal		X	X	X									X	X	X
Transportation		X	X										X	X	X
Order		X		X		X	X	X	X			X			
Sales		X		X	X		X	X		X		X			
Shipping & Receiving		X	X						X	X			X	X	X
Banking							X		X	X	X				
Supplier				X			X	X	X	X		X			

T0226040

System Administrator Module

Figure 21A

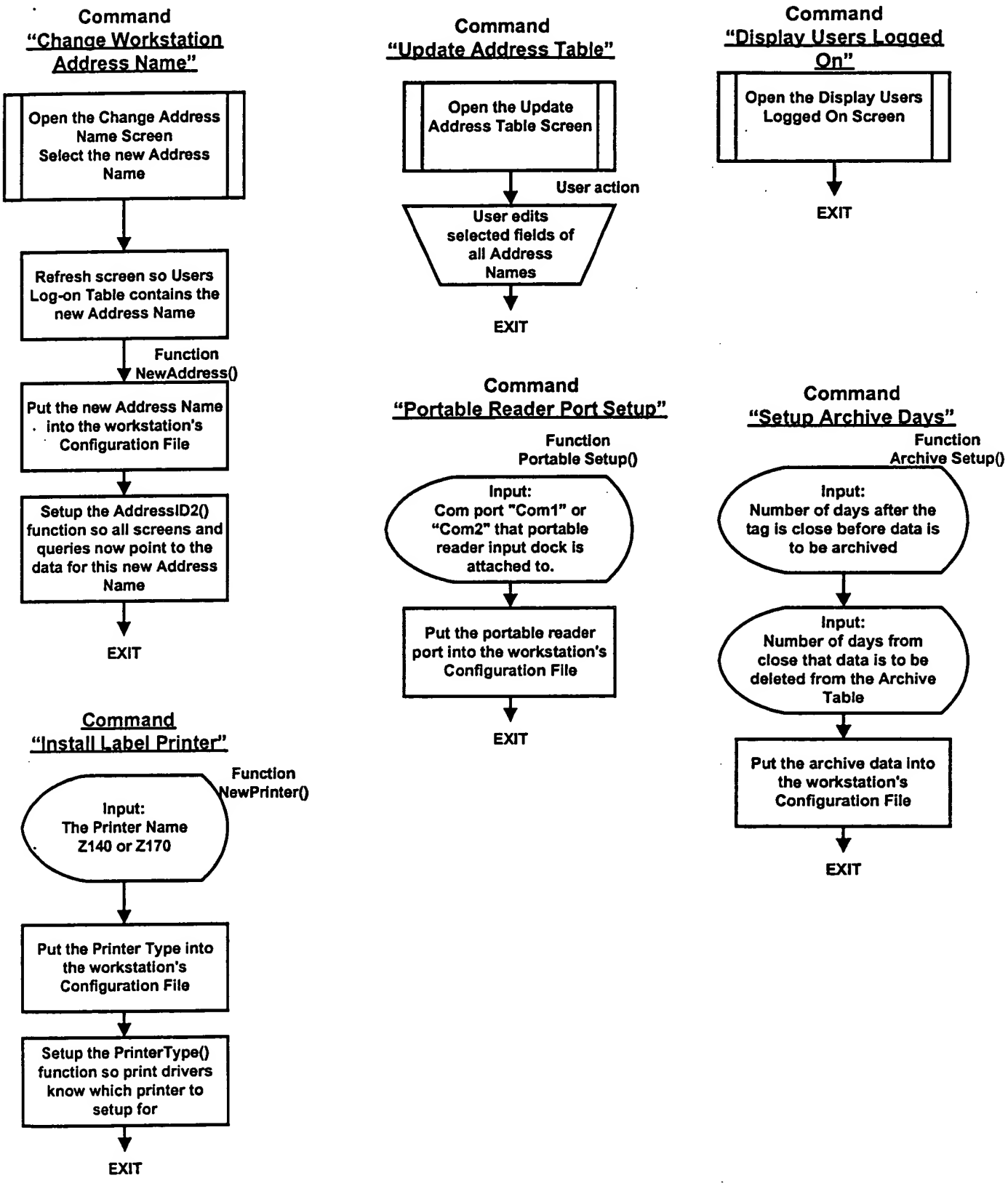


Figure 21B

Function:
Logon()
macro AutoEXec

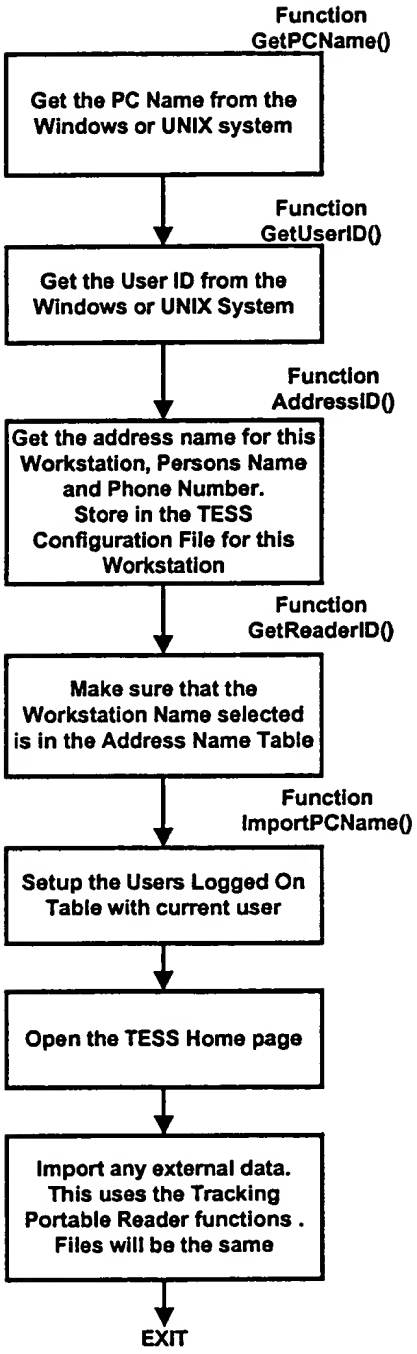


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Figure 22
Module and Table Linkage

Modules / Tables	System Administrator	Workstation	Tracking	Inventory	Shipping	Invoice	Contracts	Order	Sales	Receiving	Banking	Supplier	Transportation	Hazardous Material	Returnable Container
Address	P	S	S	S	S	S	S	S	S	S		S	S		
Tracking			P		S			S		S		S	S		S
Inventory			S	P					S			S			
Container Parts			P		S			S		S		S	S		S
Incoming Invoice						P				S	S	S			
Outgoing invoice					S	P									
Customer Contracts					S	S	P		S			S	S		
Supplier Contracts						S	P	S							
Order				S				p				S			
Sales					S	S			P						
Transportation			S							S			p	S	S
Hazardous Type			S		S								S	P	
Reusable Container					S									S	P
Supplier Inventory				S								P			
External Order			S				S	S				P			
Response			S					S	S			P			

P = primary responsibility, S = shared with